

## HXX III Polyclonal Antibody

### Description

|                                |  |
|--------------------------------|--|
| <b>Product type</b>            | Primary Antibody   |
| <b>Code</b>                    | BT-AP04306   |
| <b>Host</b>                    | Rabbit   |
| <b>Isotype</b>                 | IgG  |
| <b>Size</b>                    | 20ul, 50ul, 100ul  |
| <b>Immunogen</b>               | The antiserum was produced against synthesized peptide derived from human Hexokinase-3. AA range:811-860 |
| <b>Mol wt</b>                  | 98919  |
| <b>Species reactivity</b>      | Human  |
| <b>Clonality</b>               | Polyclonal   |
| <b>Recommended application</b> | WB, IHC-p, ELISA   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Full name</b>               | HXX III Antibody   |
| <b>Synonyms</b>                | HK3; Hexokinase-3; Hexokinase type III; HK III   |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. HK3 encodes hexokinase 3. Similar to hexokinases 1 and 2, this allosteric enzyme is inhibited by its product glucose-6-phosphate.

### Recommended Dilution

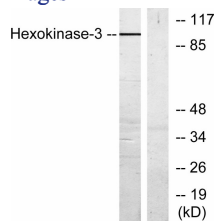
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

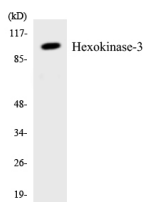
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from Jurkat cells, treated with insulin 0.01U/ml 15', using Hexokinase-3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using Hexokinase-3 antibody.

## Storage

-20°C for one year

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